Esref Ozturk

esref@esrefozturk.com

EMPLOYMENT

Software Engineer (June 2016 - Present)
Udemy Inc., METU Technopolis
- R&D on search functionality of *www.udemy.com* **Python, Django, Elastic Search**

Software Engineer (February 2016 - May 2016)
STM Defence Technologies & Engineering Inc., Ankara
- R&D on automated hardening platform for many systems including various OSes(Windows,Linux,FreeBSD...), web servers, mail servers. **Python, Django, Hardening**

Software Developer (April 2014 - January 2016)
Cyber Warfare Lab, Labris Networks , METU Technopolis
- R&D on Labris UTM, a Centos derived Linux distribution designed for unified thread management. **C++, Python, Bash, Postgresql, Centos, LDAP, UTM**

Contracted Software Developer (June 2014 - September 2014)
TUBITAK (The Scientific and Technological Research Council of Turkey)
- Developed a kernel module that provides multiple clipboards for Debian based operating systems. More information at http://multiclip.github.io. **C, Python, Kernel Hooks, X11**

Software Engineering Intern (June 2014 - July 2014)
Hazelcast , Istanbul R&D Office
- Developed sample Hazelcast integration modules of Hibernate 2nd Level cache and Spring. More information at https://github.com/hazelcast/hazelcast-code-samples. **Java, Hazelcast, Derby, Hibernate, Spring**

Software Engineering Intern (June 2013 - September 2013)
Kovan Research Lab , METU
- Developed a web application that lets instructors prepare exams according to preferred criteria. **Python, Django, Mysql**

EDUCATION

B.S., Computer Engineering (Expected Graduation: June 2016)
Middle East Technical University,Ankara, Turkey

TECHNICAL EXPERIENCE

Pwner (January 2014 - Present)
www.0xdeffbeef.com
- Practicing information security topics, organizing and participating Capture the Flag Competitions.

Checkmate (September 2014 - January 2015)
CheckmateChess.github.io
- Web application for playing chess running GNUChess in the background.

Hypnos (September 2015 - Present)
senior.ceng.metu.edu.tr/2016/newline

- Personalized sleep tracking and analyzing system that focuses on optimizing people's sleep. **Arduino, Raspberry Pi, Android, Python, Django, Machine Learning**

AWARDS & HONORS

- **First Place**, CTF, STM Defence Technologies & Engineering Inc., Turkey, Oct 2015
- **First Place**, Web Application CTF, Ankara University & Octosec Information Security Team, Turkey, May 2014
- **First Place of Turkey**, 67th Team of All, IEEEXtreme Programming Competition 9.0, Oct 2015
- **Second Place**, among foreign participants, Open All-Ukrainian Collegiate Programming Contest, Ukraine, Oct 2014
- **Honorable Mention**, Hash Code, Google, Feb 2016
- **Honorable Mention**, ACM ICPC, SEERC, Ukraine, Oct 2014
- **Honorable Mention**, ACM ICPC, SEERC, Ukraine, Oct 2013
- **Honorable Mention**, IEEEXtreme Programming Competition 7.0, Oct 2013
- **Honorable Mention**, IEEEXtreme Programming Competition 6.0, Oct 2012
- **Honorable Mention**, IEEEXtreme Programming Competition 5.0, Oct 2011
- **High Honor Student**, METU Computer Engineering, Feb 2016
- **Certificate**, MCNA - Network(Fast), Middle East Technical University - Continuous Education Center, May 2014

EXTRA-CURRICULAR ACTIVITIES

- Active member of METU-CENG ACM Student Chapter
- SAYOKAN (Turkish Martial Art)
- Student Member of IEEE (2011-Present)
- Student Member of ACM (2013-Present)